



Attorney Docket No.

2826

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Patent
TECHNOLOGY CENTER 2800
OCT 24 2002
032840-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Ted JOHANSSON et al.
Application No.: 09/500,944
Filing Date: February 9, 2000
Title: Semiconductor Device wth Deep Substrate Contact

Non-Fee Amendment
Group Art Unit: 2826
Examiner: Victor A. Mandala
Confirmation No.: 3285

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

- A Petition for Extension of Time is also enclosed.
- A Terminal Disclaimer and a check for \$55.00 (2814) \$110.00 (1814) to cover the requisite Government fee are also enclosed.
- Also enclosed is/are a Request for Approval of Drawing Changes.

- Small entity status is hereby claimed.
- Applicant(s) requests continued examination under 37 C.F.R. § 1.114 and enclose the \$370.00 (2801) \$740.00 (1801) fee due under 37 C.F.R. § 1.17(e).
- Applicant(s) previously submitted _____ on _____, for which continued examination is requested.
- Applicant(s) requests suspension of action by the Office until at least _____, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.
- A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.
- No additional claim fee is required.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.


By 
Theodosios Thomas
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Date: October 17, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: October 17, 2002


Jennie Snead



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Amend
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Patent
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Attorney's Docket No. 032840-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Ted JOHANSSON et al.) Group Art Unit: 2826
Application No.: 09/500,944) Examiner: Victor A. Mandala
Filed: February 9, 2000) Confirmation No.: 3285
For: Semiconductor Device wth Deep)
Substrate Contact)
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AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Examiner's Action mailed on July 17, 2002, please amend this application as follows.

In the Specification

Please **ADD** a paragraph beginning at page 5, line 12, as follows:

Fig. 4 shows a partial cross section of a semiconductor circuit, comprising a double MOS-transistor with a ground connection according to the present invention.

Please **REPLACE** the paragraph beginning at page 8, line 23, with the following:

Figures 1 and 2a-2e only described a NPN bipolar transistor. It will be understood by one of ordinary skill in the art that other types of semiconductor devices, such as PNP bipolar transistors, MOS transistors or discrete components, may be implemented having a ground connection being connected to the reverse side of the substrate as shown in Fig. 1. For example, a MOS transistor according to